Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 22 Jan 2023 until 23:59 on Monday 23 Jan 2023

Forecast Issued on Saturday 21 Jan 2023 at 16:38

Confidence: High for becoming milder through the coming days then turning a little colder again later in the week, but lower for cloud details.

Headline for Sunday 22 Jan 2023: Mostly cloudy with occasional rain and briefly summit snow. Becoming milder

Mountain weather hazards on Sunday 22 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	10%	10%	20%	30%	30%	20%

Forecast for Sunday 22 Jan 2023

Weather: Cloudy in the west through the early hours but dry, with clearer spells in east leading to some patchy low level mist or freezing fog. Then a mostly cloudy day, best chance of any brighter spells across eastern hills, with patchy light rain, perhaps some summit sleet and snow through the morning.

Chance of cloud-free hill tops above 600m: Little chance over western hills, but around 40% in the east

Low Cloud and visibility: Periods or persistent cloud above 450-600m in the west, but cloud more occasional at times above 600-750m in the east. Away from cloud visibility good falling to several kilometres in rain, sleet and snow, and a kilometre or less in any overnight low level mist or freezing fog patches.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 22 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/26 S	15/25 S	14/21 S	13/20 S	13/19 S	11/16 S	9/15 S	9/14 S	9/13 S
300	6/17 S	5/16 S	5/12 SE	5/13 S	5/11 S	4/10 S	3/10 SE	3/9 SE	3/8 SE
Valley	5/13 SE	3/9 SE	2/7 SE	2/7 S	3/9 S	3/8 S	2/6 SE	2/5 SE	3/5 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-2/-8	-1/-7	-1/-6	0/-5	1/-3	2/-3	2/-2	2/-2
300	-1/-4	-1/-4	-0/-3	0/-2	2/-1	2/0	2/0	3/0	3/0
Valley	1/-2	1/-1	1/-1	2/0	3/2	4/2	3/1	3/1	3/1
Freezing Level*	100m	100m	200m	200m	400m	1100m	1300m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures in east near minus 1 or 2 Celsius at dawn. Turning milder through the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 21 Jan 2023	0.2mm	0.4mm	0.6mm

Forecast for Monday 23 Jan 2023

Weather: Rather cloudy but some clear spells developing, especially in the east where patchy low level fog may develop. Any patchy low level fog soon clearing to leave a mostly cloudy day, perhaps some brighter spells over eastern hills, with patchy light rain and drizzle.

Maximum wind: Southerly around 10mph

Chance of cloud-free hill tops above 600m: Little chance over hills, but around 40% in the east

Low Cloud and visibility: Periods or persistent cloud above 450-600m but cloud more occasional at times above 600-750m in the north and east. Away from cloud, visibility good falling to several kilometres in rain and drizzle, and just a few hundred metres in any early low level fog patches.

Temperature: **Valleys:** Around zero Celsius in east at first, but plus 2 or 3 in west, rising to plus 6 or 7 Celsius by day
At 600m: Around plus 2 or 3 Celsius
Freezing level: Well above the summits

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